[0025] Another aspect of the present disclosure provides a second surface of at least one polymer layer that includes a second plurality of wrinkles extended along at least a portion of one side of a first housing part and/or at least a portion of one side of a second housing part, wherein a first plurality of wrinkles are formed more densely than the second plurality of wrinkles.

[0026] Another aspect of the present disclosure, in a state in which a foldable housing is unfolded, provides a connection part that includes a first surface facing in a direction as that of a first surface of a first housing part and a first surface of a second housing part; and a second surface opposite to the first surface, wherein a predetermined angle is maintained by the first surface of the first housing part and the first surface of the second housing part is determined according to a width of a fixing member disposed at a first surface of the connection part.

[0027] Another aspect of the present disclosure provides two displays that can maintain a predetermined angle without using a hinge.

[0028] Another aspect of the present disclosure provides an electronic device with a thickness that does not increase by a structure of a hinge, because a first display and a second display may be connected without using a hinge, if the first display and the second display are folded.

[0029] Another aspect of the present disclosure, in a state in which two displays maintain a predetermined angle without using a hinge, even in a case in which an external force of a predetermined strength is applied, provides an angle between a first display and a second display that may be maintained continuously at a predetermined angle.

[0030] Another aspect of the present disclosure provides an improvement to a manipulation ability and a concentration level of a user using an electronic device, wherein a durability of a connection part between a first display and a second display may be maintained.

[0031] In accordance with an aspect of the present disclosure, an electronic device is provided. The electronic device includes a foldable housing configured to be folded in a first direction or a second direction opposite to the first direction about a connection part, wherein the foldable housing includes a first housing part including a first surface and a second surface opposite to the first surface, a second housing part including a first surface facing the first surface of the first housing part in a state folded in the first direction and a second surface facing the second surface of the first housing part in a state folded in the second direction, and a flexible connection part that connects at least a portion of one side of the first housing part and at least a portion of one side of the second housing part; a first display configured at the first surface of the first housing part; and a second display configured at the first surface of the second housing part, wherein the connection part includes at least one polymer layer in which the first surface of the first housing part and the first surface of the second housing part are formed to maintain at least one angle of a selected range in a state in which an external force to the foldable housing is not applied.

[0032] In accordance with another aspect of the present disclosure, an electronic device having a foldable housing is provided. The electronic device includes the foldable housing including a first housing part including a first surface and a second surface opposite to the first surface, a second housing part including a first surface facing in a same direction as that of the first surface of the first housing part and a second surface opposite to the first surface in a state in which the foldable housing is unfolded, and a flexible connection part that connects the first housing part and the second housing part; a first display configured at the first surface of the first housing part; a second display configured at the first surface of the second housing part; and a fixing member disposed at the flexible connection part such that the first surface of the first housing part and the first surface of the second housing part maintain a predetermined angle in a state in which an external force to the foldable housing is not applied.

[0033] In accordance with another aspect of the present disclosure, a fixing member is provided. The fixing member includes a clip portion disposed at one side of a connection part; and a ring portion connected to the clip portion to be inserted between one side of a first housing part and one side of the second housing part such that a first surface of the first housing part and a first surface of the second housing part maintain a predetermined angle.

[0034] In accordance with another aspect of the present disclosure, a fixing member is provided. The fixing member includes a rotation portion configured to rotate between one side of a first housing part and one side of a second housing part such that a first surface of the first housing part and a first surface of the second housing part maintain a predetermined angle; and a fastening portion that fixes the rotation portion to a connection part.

BRIEF DESCRIPTION OF THE DRAWINGS

[0035] The above and other aspects, features, and advantages of the present disclosure will be more apparent from the following detailed description, taken in conjunction with the accompanying drawings, in which:

[0036] FIGS. **1**A and **1**B are a perspective view and a partial view, respectively, of an electronic device in an unfolded state according to an embodiment of the present disclosure;

[0037] FIGS. **2**A and **2**B are perspective views of an electronic device that maintains at least one angle of a selected range according to an embodiment of the present disclosure;

[0038] FIGS. **3**A and **3**B are perspective views of a ring type fixing member according to an embodiment of the present disclosure;

[0039] FIGS. **4**A to **8** are perspective views, diagrams, and partial views of an electronic device in which a ring type fixing member is disposed according to an embodiment of the present disclosure;

[0040] FIG. **9** is a perspective view a rotation type fixing member according to an embodiment of the present disclosure;

[0041] FIGS. **10**A to **15** are perspective views, diagrams, and partial views of an electronic device in which a rotation type fixing member is disposed according to an embodiment of the present disclosure;

[0042] FIGS. **16**AA to **17** are perspective views and a diagram of an electronic device in which an automatic fixing member is disposed according to an embodiment of the present disclosure;

[0043] FIGS. **18**A to **19**B are diagrams of a polymer layer in a connection part according to an embodiment of the present disclosure;